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Abstract of the Disclosure

A lifting device includes, in its lower part, two arms articulated on a shaft linked to the tractor for attaching two low lateral points of the implement, and in its upper part at least one element linking a third point between the tractor and the implement, the arms being controlled by the lifting element. The linking element has a variable useful length. A device responsive to the angular position of the arms includes a first transducer associated with one arm to deliver an electric signal depending on the angular position of the arm, and at least a second transducer responsive to the length of the third point linking element to deliver an electric signal depending on the length. An electric circuit, with the transducers connected in parallel between a line terminal and the ground connection, mixes the signals from the transducers and deliver the signal, controlling the lifting element.